

## Syllabic Search Engine

### Abstract of the Disclosure

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An improved search engine, for a computing device or computer network, utilizes search strings comprising complete words and numbers representing a syllable count for each unknown word. Pattern-matching algorithms are utilized to search a document database for documents that match the input search strings. The document database is constructed by

10 analyzing a number of documents, utilizing document-analyzing algorithms. In one embodiment, each database record comprises a document that has been analyzed into one or more groups of word sequences. Each word sequence comprises an ordered list of words in the word sequence, as well as a corresponding ordered list of the syllable count for each word in the word sequence. The syllabic search engine can be implemented in different ways, such as through a software application, operating system, network software, or a custom software module. Improved computers and computer networks for providing a syllabic search function are also described.

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